

ABSTRACT OF THE DISCLOSURE

A method is provided for producing a <del>sheathed</del>	S-O.
penetrator having a steel <del>sheath</del> and a heavy-metal core with a	S-O.
smooth surface. The method includes heating the steel <del>sheath</del>	S-O.
to a temperature between 70 and 350 °C; inserting the heavy-	
metal core into the heated steel <del>sheath</del> ; and allowing the steel	S-O.
<del>sheath</del> to cool down. An inside diameter of the steel <del>sheath</del>	S-O.
and an outside diameter of the heavy-metal core are such that	
an interference fit exists between the steel <del>sheath</del> and the	S-O.
heavy-metal core after the steel <del>sheath</del> has cooled down.	S-O.

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